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Attorney Docket No.: 02307O-139300US

Client Ref. No.: 2003-534

Mail Stop Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TOWNSEND and TOWNSEND and CREW LLP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Joe W. Gray et al.

Application No.: 10/616,403

Filed: July 8, 2003

For: BREAST CANCER GENES

Customer No.: 20350

Confirmation No. 9224

Examiner:

Alana Harris

Group Art Unit:

1643

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed June 1, 2006, please enter the following amendments and remarks. Enclosed herewith is a petition with fee authorization for a fivemonth extension of time.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 5 of this paper.